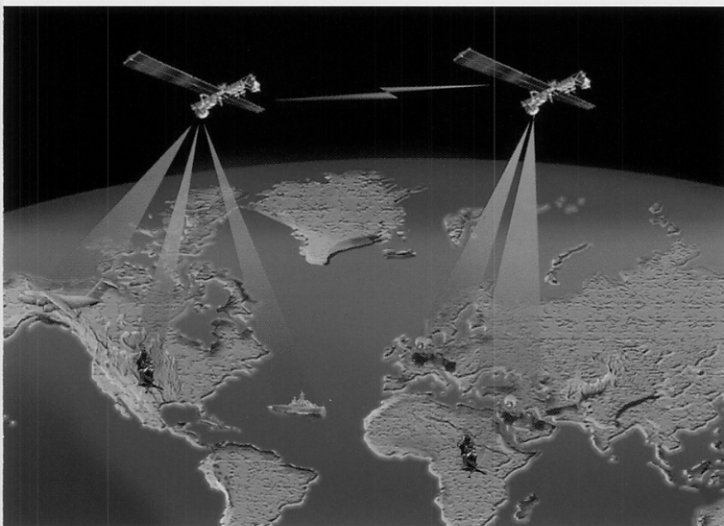# JTEO
Joint Terminal Engineering Office (JTEO)

Mission

The MILSATCOM Joint Terminal Engineering Office (JTEO) conducts terminal engineering analysis of satellite communication systems and architectures to optimize system utility and interoperability for the Warfighter.

Background

The JTEO is a Joint Service organization reporting to the Program Director, MILSATCOM Joint Program Office (MJPO). The JTEO began as the Milstar Joint Terminal Program Office in 1982, working Milstar interoperability issues. It was reorganized as the JTEO and given an expanded MILSATCOM role by the MILSATCOM PEO Council in 1997.

Capabilities

The JTEO provides resolution of Joint terminal issues concerning MILSATCOM systems including Protected (EHF), Wideband (SHF), Narrowband (UHF), as well as commercial SATCOM used by the Warfighter.

Within the Air Force Space Executive structure, the JTEO works closely with the National Reconnaissance Office (NRO), the National Security Space Architect (NSSA), the Services and their Terminal Program Offices (TPOs), the Assistant Secretary of Defense for Command, Control, Communications, and Intelligence (ASD[C3I]), the Joint Staff, Services and Agencies; the Defense Information Systems Agency (DISA), and the U.S. Space Command (USSPACECOM) and other Combatant Commanders (COCOM) through the Senior Warfighters Forum (SWarF) to resolve terminal issues for the MILSATCOM community. The JTEO provides a wide range of technical and programmatic expertise throughout the lifecycle of MILSATCOM systems.

Efforts such as the National Security SATCOM Terminal Roadmap (NSSTR) and the National Security SATCOM System Synchronization Roadmap (NS4R) help resolve terminal and system synchronization concerns, identify opportunities to harness the power of new technologies, and define implementation of network centric operations.

JTEO-developed interoperable terminal specifications, such as SR-2300 for Milstar I/II, and SR-3300 for AEHF have provided interoperability guidance to the terminal development community. The JTEO's test and evaluation capabilities form the basis of interoperability certification for EHF terminals.

The JTEO is actively working terminal integration with the Services' next generation IT architectures and developing guidance for the implementation of interoperable, and open-standard baseband devices.

Ensuring Interoperability for the Warfighter